

- [0333] Yi, F., Danko, T., Botelho, S. C., Patzke, C., Pak, C., Wernig, M., and Sudhof, T. C. (2016). Autism-associated SHANKS haploinsufficiency causes I_h channelopathy in human neurons. *Science* 352, aaf2669.
- [0334] Zeilhofer, H. U., Wildner, H., and Yevenes, G. E. (2012). Fast synaptic inhibition in spinal sensory processing and pain control. *Physiological reviews* 92, 193-235.
- [0335] Zheng, Q., Fang, D., Liu, M., Cai, J., Wan, Y., Han, J. S., and Xing, G. G. (2013). Suppression of KCNQ/M (Kv7) potassium channels in dorsal root ganglion neurons contributes to the development of bone cancer pain in a rat model. *Pain* 154, 434-448.
- [0336] Zikopoulos, B., and Barbas, H. (2013). Altered neural connectivity in excitatory and inhibitory cortical circuits in autism. *Front Hum Neurosci* 7, 609.

Equivalents and Scope

[0337] In the claims articles such as “a,” “an,” and “the” may mean one or more than one unless indicated to the contrary or otherwise evident from the context. Claims or descriptions that include “or” between one or more members of a group are considered satisfied if one, more than one, or all of the group members are present in, employed in, or otherwise relevant to a given product or process unless indicated to the contrary or otherwise evident from the context. The invention includes embodiments in which exactly one member of the group is present in, employed in, or otherwise relevant to a given product or process. The invention includes embodiments in which more than one, or all of the group members are present in, employed in, or otherwise relevant to a given product or process.

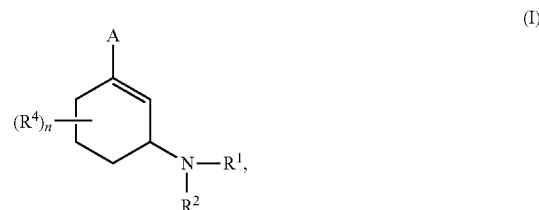
[0338] Furthermore, the invention encompasses all variations, combinations, and permutations in which one or more limitations, elements, clauses, and descriptive terms from one or more of the listed claims is introduced into another claim. For example, any claim that is dependent on another claim can be modified to include one or more limitations found in any other claim that is dependent on the same base claim. Where elements are presented as lists, e.g., in Markush group format, each subgroup of the elements is also disclosed, and any element(s) can be removed from the group. It should be understood that, in general, where the invention, or aspects of the invention, is/are referred to as comprising particular elements and/or features, certain embodiments of the invention or aspects of the invention consist, or consist essentially of, such elements and/or features. For purposes of simplicity, those embodiments have not been specifically set forth in haec verba herein. It is also noted that the terms “comprising” and “containing” are intended to be open and permits the inclusion of additional elements or steps. Where ranges are given, endpoints are included. Furthermore, unless otherwise indicated or otherwise evident from the context and understanding of one of ordinary skill in the art, values that are expressed as ranges can assume any specific value or sub-range within the stated ranges in different embodiments of the invention, to the tenth of the unit of the lower limit of the range, unless the context clearly dictates otherwise.

[0339] This application refers to various issued patents, published patent applications, journal articles, and other publications, all of which are incorporated herein by reference. If there is a conflict between any of the incorporated references and the instant specification, the specification shall control. In addition, any particular embodiment of the

present invention that falls within the prior art may be explicitly excluded from any one or more of the claims. Because such embodiments are deemed to be known to one of ordinary skill in the art, they may be excluded even if the exclusion is not set forth explicitly herein. Any particular embodiment of the invention can be excluded from any claim, for any reason, whether or not related to the existence of prior art.

[0340] Those skilled in the art will recognize or be able to ascertain using no more than routine experimentation many equivalents to the specific embodiments described herein. The scope of the present embodiments described herein is not intended to be limited to the above Description, but rather is as set forth in the appended claims. Those of ordinary skill in the art will appreciate that various changes and modifications to this description may be made without departing from the spirit or scope of the present invention, as defined in the following claims.

1. A compound having the structure of Formula (I):



wherein

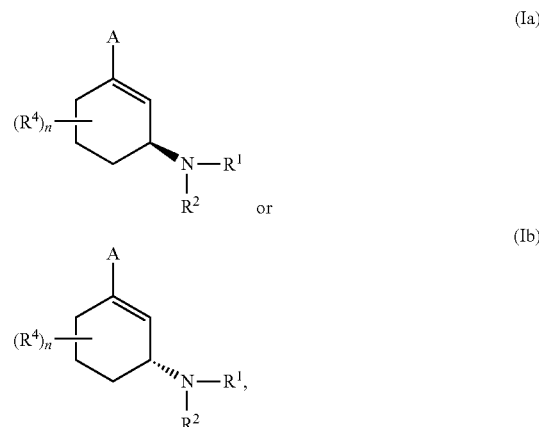
$n=1, 2, 3, 4, 5, 6, 7, \text{ or } 8$;

each of R^1 and R^2 is, independently, hydrogen, deuterium, optionally substituted C_{1-6} alkyl, or optionally substituted C_{3-6} cycloalkyl wherein R^1 and R^2 are covalently linked;

each R^4 is, independently, hydrogen, deuterium, halogen, C_{1-4} alkoxy, C_{1-6} alkyl, CF_3 , CH_3S , CH_3SO_2 , or NO_2 ; and

A is a carboxylic acid, a carboxylic acid biomimetic, or optionally substituted C_{1-6} carboxylic acid alkyl ester; or a pharmaceutically acceptable salt thereof.

2. The compound of claim 1, wherein the compound has the structure of Formula (Ia) or (Ib):



or a pharmaceutically acceptable salt thereof.